

ABSTRACT OF THE DISCLOSURE

An apparatus and a continuous process for manufacturing a ring-dyed polymeric filament. A filament, formed by melt extrusion is directly fed into a tank containing a dye solution for a predetermined period of time. The resulting ring-dyed filament includes an outer cross-sectional region colored with the dye and an inner cross-sectional region not colored with the dye. The outer cross-sectional region may be of uniform thickness over the length of the filament. A quenching step can be performed either before or during the ring-dyeing step.